There are currently 1,432 physicians practicing in North Dakota. Of these, 1,101 (77%) are graduates from medical schools in the United States or Canada (USMG) and 331 (23%) are from international medical schools (IMG).

- Three-fourths of North Dakota physicians are male.
- 73% of USMGs work in urban areas.
- 69% of IMGs work in urban areas.

The average age of IMGs in North Dakota is 48.7, significantly (p=.002) lower than the average age of USMGs (50.7). This is especially true in the southeast part of the state where the IMG average age is 46.6 and the USMG age was 50.6.

IMGs are more likely to have graduated earlier than USMGs (before 1972), or after USMGs (after 1988).

- 22% of the IMGs work in hospitals compared to 16% of USMGs.
- IMGs are 36% more likely to practice in hospitals than USMGs (p = .018).
Figure 4. Specialties for USMG and IMG Physicians in North Dakota

IMGs are more likely than USMGs to be in:
- Primary Care
- Internal Medicine Subspecialities
- Psychiatry
- General Internal Medicine

Figure 5. Primary Care Specialties for USMG and IMG Physicians in North Dakota

IMGs are less likely than USMGs to be in:
- Surgery
- Family/general practice
- General pediatrics

Conclusion
- North Dakota IMGs are just as likely as USMGs to be female and slightly more likely to practice in rural areas.
- IMGs are somewhat younger than USMGs, especially in the highly urban southeast part of North Dakota.
- Many North Dakota IMGs graduated in the 1960s and 1990s.
- IMGs are more likely to practice in hospitals and within the specialties of primary care, internal medicine subspecialties (e.g., gastroenterology or nephrology), and psychiatry.
- IMGs are less likely to practice within the specialties of surgery, family/general practice, and general pediatrics.
- Within primary care, practicing IMGs are much less likely to be in family/general practice (35% vs. 67%) but much more likely to practice as general internists (55% vs. 19%).

For more information, contact
Marilyn G. Klug, PhD
701.787.0089 • marilyn.klug@med.und.edu
Gary Hart, PhD
701.777.3848 • gary.hart@med.und.edu
Mandi-Leigh Peterson, MA
701.777.6719 • mandi.peterson@med.und.edu

Center for Rural Health
The University of North Dakota
School of Medicine & Health Sciences
501 North Columbia Road, Stop 9037
Grand Forks, ND 58202-9037
701.777.3848 • ruralhealth.und.edu